CLAIMS

What is claimed is:

1 1.	A	method	comprisin	g
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- 2 receiving video data at an application program;
- 3 transmitting the video data to one or more memory buffers
- 4 decrypting the video data; and
- 5 monitoring page table entries corresponding to the memory buffers to
- 6 determine whether a second application program has accessed the memory
- 7 buffers.
- 1 2. The method of claim 1 further comprising:
- the application program calling an interface upon receiving the video
- 3 data;
- 4 receiving the video data at the interface; and
- 5 transmitting the video data to the memory buffers.
- 1 3. The method of claim 2 wherein the video data is stored at the memory
- 2 buffers in an encrypted format.
- 1 4. The method of claim 2 further comprising:
- transmitting the video data from the memory buffers to the interface;
- 3 transmitting the video data from the interface to a decryption module; and
- 4 decrypting the video data at the decryption module;

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- 1 5. The method of claim 4 further comprising verifying, at the decryption
- 2 module, a digital signature of the interface prior to decrypting the video data.
- 1 6. The method of claim 4 further comprising the decryption module
- 2 modifying the page table entries to clear access bits corresponding to the
- 3 memory buffers.
- 1 7. The method of claim 4 further comprising:
- transmitting the decrypted video data to the interface; and
- transmitting the decrypted video data from the interface to the video
- 4 decoder.
- 1 8. The method of claim 1 further comprising:
- 2 receiving a notification at the decryption module to terminate the
- 3 monitoring of the page table entries; and
- 4 terminating the monitoring of the page table entries.
- 1 9. A computer system comprising:
- 2 an application that receives data content;
- 3 a memory device that stores the data content;
- a decoder that decodes the content; and
- 5 a decryption module that decrypts the data content, and monitors access
- to the memory device to determine if memory buffers storing the data content
- 7 have been accessed prior to the decoding of the data content.

- 1 10. The computer system of claim 9 wherein the decryption module monitors
- 2 the memory buffers by observing the state of a corresponding access bit in the
- 3 memory device page table entries.
- 1 11. The computer system of claim 10 wherein the decryption module is
- 2 tamper resistant to prevent modification.
- 1 12. The computer system of claim 9 further comprising an interface coupled
- 2 to the application, the decoder and the decryption module.
- 1 13. The computer system of claim 12 wherein the interface receives the data
- 2 content in an encrypted format.
- 1 14. An article of manufacture including one or more computer readable
- 2 media that embody a program of instructions, wherein the program of
- 3 instructions, when executed by a processing unit, causes the processing unit to:
- 4 receive video data at an application program;
- 5 transmit the video data to one or more memory buffers
- 6 decrypt the video data; and
- 7 monitor page table entries corresponding to the memory buffers to
- 8 determine whether a second application program has accessed the memory
- 9 buffers.
- 1 15. The article of manufacture of claim 14, wherein the program of

- 2 instructions, when executed by a processing unit, further causes:
- the application program to call an interface upon receiving the video data;
- 4 receiving the video data at the interface; and
- 5 transmitting the video data to the memory buffers.
- 1 16. The article of manufacture of claim 15 wherein the program of
- 2 instructions, when executed by a processing unit, further causes the processor:
- transmit the video data from the memory buffers to the interface;
- 4 transmit the video data from the interface to a decryption module; and
- 5 decrypt the video data at the decryption module;
- 1 17. The article of manufacture of claim 16 wherein the program of
- 2 instructions, when executed by a processing unit, further causes the processor to
- 3 verify, at the decryption module, a digital signature of the interface prior to
- 4 decrypting the video data.
- 1 18. The article of manufacture of claim 16 wherein the program of
- 2 instructions, when executed by a processing unit, further causes the decryption
- 3 module to modify the page table entries to clear access bits corresponding to the
- 4 memory buffers.
- 1 19. The article of manufacture of claim 16 wherein the program of
- 2 instructions, when executed by a processing unit, causes the processor to:
- 3 transmit the decrypted video data to the interface; and

- 4 transmit the decrypted video data from the interface to the video decoder.
- 1 20. The article of manufacture of claim 14, wherein the program of
- 2 instructions, when executed by a processing unit, further causes the processor to:
- 3 receive a notification at the decryption module to terminate the
- 4 monitoring of the page table entries; and
- 5 terminate the monitoring of the page table entries.